

Title (en)

SEPARATION IMPROVEMENT IN A METHOD FOR PRODUCING ACRYLIC ESTERS FROM VEGETABLE OR ANIMAL OIL AND AN ALIPHATHIC MONOALCOHOL

Title (de)

TRENNUNGSVERBESSERUNG IN EINEM VERFAHREN ZUR HERSTELLUNG VON ACRYLESTERN AUS PFLANZEN- ODER TIERÖL UND EIN ALIPHATISCHER MONOALKOHOL

Title (fr)

AMÉLIORATION DE LA SÉPARATION DANS UN PROCÈDE DE PRODUCTION D'ESTERS ACRYLIQUES À PARTIR D'HUILE VÉGÉTALE OU ANIMALE ET D'UN MONOALCOOL ALIPHATIQUE.

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Application

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Priority

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Abstract (en)

[origin: WO2009007528A2] The invention relates to a method for producing alkyl esters of fatty acids and glycerine using, in a reaction section, a reaction assembly for the transesterification between a vegetable or animal oil and an aliphathic monoalcohol and using a heterogeneous solid catalyst, comprising: a) the step of inserting a glycerine phase; b) the step of evaporating the excess alcohol; and c) the step of decanting the glycerine phase. The supernatant ester phase obtained after decantation is further optionally fed to a coalescer also for separating the glycerine, and to a purification step by adsorption on solids. This improved method prevents the formation of micro-emulsions.

IPC 8 full level

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